## **REMARKS**

The Official Action mailed April 8, 2004, has been received and its contents carefully noted. A *Notice of Appeal* was filed with a *Request for Two Month Extension of Time* on September 8, 2004. Filed concurrently herewith is a *Request for Four Month Extension of Time*, which extends the shortened statutory period for response to March 8, 2005. Also, filed concurrently herewith is a *Request for Continued Examination*. Accordingly, the Applicants respectfully submit that this response is being timely filed.

The Applicants note with appreciation the full consideration of the Information Disclosure Statements filed on September 20, 2002, and January 30, 2004.

Regarding the IDSs filed November 2, 2001 (received by OIPE on January 16, 2002), November 30, 2001 (received by OIPE on January 4, 2002), April 18, 2002 (received by OIPE April 29, 2002), and May 9, 2003 (received by OIPE on May 12, 2003), the Official Action states that "no papers in the file match the indicated dates ... if there are others than have been omitted, please resubmit them" (page 6, Paper No. 04022004). The Official Action also states "even if they were submitted, if they are not currently in the file there is no way to consider them" (<u>Id.</u>).

Regarding the IDS filed on November 2, 2001 (received by OIPE on January 16, 2002), it does not appear that the IDS and PTO 1449 forms filed November 2, 2001, were scanned into IFW. In response, the Applicants respectfully submit that an Information Disclosure Statement (1 page) and PTO 1449 forms (8 pages) were filed on November 2, 2001, and received by OIPE on January 16, 2002, as evidenced by the attached copy of the stamped received post card. The Applicants have also provided a copy of the IDS and 1449 forms as filed. References cited in this IDS are to be found in the copending applications Serial Nos. 08/943,333 (abandoned), 08/372,899 (pending), 07/993,391 (abandoned) and 07/837,394 (issued as U.S. Patent No. 5,200,846).

Under 37 CFR 1.98(d)(1), the Applicants are permitted to rely on an earlier submission of prior art in a parent application if the "earlier application is properly identified in the information disclosure statement and is relied on for an earlier effective

filing date under 35 U.S.C. 120." The Applicants respectfully submit that copies of the references cited in the Information Disclosure Statement are available in the copending parent applications, Serial Nos. 08/943,333, 08/372,899, 07/993,391 and 07/837,394. The above-referenced applications are properly identified in the Information Disclosure Statement, and the application data sheet shows that the present application claims the benefit of priority from the above-referenced applications. As such, the Applicants respectfully submit that the Information Disclosure Statement fully complies with 37 CFR 1.98 and must be considered by the Examiner. As stated in MPEP § 609.III.C(2), "items of information listed that do comply with the requirements of 37 CFR 1.97 and 37 CFR 1.98 will be considered by the examiner and will be appropriately initialed" (emphasis added).

It is noted that it has come to the Applicants attention that the above-referenced IDS contains three minor errors, which have been corrected in the attached copies of the PTO 1449 forms. Specifically, on page 1 of 8, "McGrievy" has been changed to "McGreivy"; on page 2 of 8, "Moruzumi" has been changed to "Morozumi"; and on page 5 of 8, JP 02-349415 was cited in error.

If there are any particular references that cannot be located by the Examiner in Serial Nos. 08/943,333, 08/372,899, 07/993,391 and 07/837,394 applications, the Applicants request that such references be identified in a subsequent communication. If the Examiner is unable to comply with the rules, it is respectfully requested that the Examiner discuss the matter with the Director of the Technology Center to find out what other remedies may be available.

It is noted that the Applicants are merely resubmitting the above documents as a courtesy to the Examiner. It is respectfully submitted that the above-referenced Information Disclosure Statement was properly and filed on November 2, 2001, and should be accorded its filing date for the purposes of consideration and compliance with 37 CFR 1.97 and 1.98.

Regarding the IDS filed on November 30, 2001 (received by OIPE on January 4, 2002), the Applicants received an unsigned and uninitaled copy of the PTO 1449 form with the Official Action mailed July 21, 2003 (Paper No. 6), a copy of which is attached. The IDS itself appears in private PAIR as "01/04/2002 Information Disclosure Statement PROSECUTION 2 [pages]" and should be available to the Examiner in IFW. U.S. Patent No. 5,162,901 should be readily accessible to the Examiner. JP 64-068728 appears in private PAIR as "01/04/2002 Foreign Reference PRIOR ART 9 [pages]" and should be available to the Examiner in IFW. Therefore, all pertinent documents are available to the Examiner and the IDS filed November 30, 2001, should be considered in due course.

Regarding the IDS filed April 18, 2002 (received by OIPE April 29, 2002), the Applicants received a partially considered copy of the PTO 1449 form with the Official Action mailed July 21, 2003 (Paper No. 6), a copy of which is attached. Specifically, as previously noted by the Applicants, it appears the Examiner overlooked the citation of U.S. Patent No. 5,340,999 to Takeda et al. U.S. Patent No. 5,340,999 should be readily accessible to the Examiner. Therefore, all pertinent documents are available to the Examiner and the IDS filed April 18, 2002, should be fully considered in due course.

Regarding the IDS filed May 9, 2003 (received by OIPE May 12, 2003), the entire IDS including the five JP references cited therein are clearly shown in PAIR/IFW as "05/12/2003 Information Disclosure Statement PROSECUTION 3 [pages]" and "05/12/2003 Foreign Reference PRIOR ART 6 [pages]," 6 pages, 10 pages, 12 pages and 8 pages, respectively. Therefore, all pertinent documents are available to the Examiner and the IDS filed May 9, 2003, should be fully considered in due course.

A further IDS was filed by the Applicants on June 16, 2004 (received by OIPE June 18, 2004), and is fully available in PAIR/IFW.

A further IDS is submitted herewith.

The Applicants respectfully request that the Examiner provide an initialed copy of the Form PTO-1449 evidencing consideration of the above-referenced Information Disclosure Statements.

Claims 1-23 were pending in the present application prior to the above amendment. Claims 1, 3, 5, 10-14, 16-18, 20, 22 and 23 have been canceled, claims 2, 4, 6-9, 15, 19 and 21 have been amended to better recite the features of the present invention, and new claims 24-58 have been added to recite additional protection to which the Applicants are entitled. Accordingly, claims 2, 4, 6-9, 15, 19, 21 and 24-58 are now pending in the present application, of which claims 2, 4, 6-9, 26-31, 37-42 and 48-53 are independent. For the reasons set forth in detail below, all claims are believed to be in condition for allowance. Favorable reconsideration is requested.

The Official Action rejects claims 2, 4 and 6-23 as obvious based on the combination of U.S. Patent No. 5,003,356 to Wakai et al, U.S. Patent No. 5,358,810 to Yoshino, U.S. Patent No. 5,042,920 to Yoshino et al. and Bahadur, "Liquid Crystal Devices and Uses," Vol. 1, World Scientific Press 1990, pages 178-181 and 421-423. e Applicants respectfully submit that a *prima facie* case of obviousness cannot be maintained against the independent claims of the present application, as amended.

As stated in MPEP §§ 2142-2143.01, to establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations. Obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either explicitly or implicitly in the references themselves or in the knowledge generally available to one of ordinary skill in the art. "The test for an implicit showing is what the combined teachings, knowledge of

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one of ordinary skill in the art, and the nature of the problem to be solved as a whole would have suggested to those of ordinary skill in the art." In re Kotzab, 217 F.3d 1365, 1370, 55 USPQ2d 1313, 1317 (Fed. Cir. 2000). See also In re Fine, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988); In re Jones, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992).

The prior art, either alone or in combination, does not teach or suggest all the features of the independent claims, as amended. Independent claims 2, 4 and 6-9 have been amended to recite a leveling film and a gate insulating film containing fluorine. Wakai, Yoshino and Bahadur, either alone or in combination, do not teach or suggest at least the above-referenced features of the present invention. Furthermore, it is noted that the above-referenced features were found to be allowable subject in the counterpart Japanese patent application.

Since Wakai, Yoshino and Bahadur do not teach or suggest all the claim limitations, a *prima facie* case of obviousness cannot be maintained. Accordingly, reconsideration and withdrawal of the rejections under 35 U.S.C. § 103(a) are in order and respectfully requested.

New claims 24-58 have been added to recite additional protection to which the Applicants are entitled. For the reasons stated above and already of record, the Applicants respectfully submit that new claims 24-58 are in condition for allowance.

Should the Examiner believe that anything further would be desirable to place this application in better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Eric J. Robinson

Reg. No. 38,285

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# **Amendments to the Drawings:**

The attached sheets of drawings include formal versions of Figures 1-38. These sheets, which include Figures 1-38, replace the original sheets including Figures 1-38.

Attachment: Replacement Sheets



In re New DIVISIONAL Application of:	)
Masaaki HIROKI	) Art Unit: 2871
Based on U.S. Serial No. 08/943,333	) Examiner: K. Parker
Filed on: October 3, 1997	)
For: ELECTRO-OPTICAL DEVICE	)

### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents and Trademarks

Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the reference(s) listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references listed on the attached Form PTO-1449 were cited in parent application Serial No. 08/943,333 and the predecessor applications including Serial Nos. 08/372,899; 07/993,391 and 07/837,394.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed B: Assistant Commissioner for Trademarks, 2900 Crystal Drive, Arlington, Visitia 22202-3513, on 2112, 2001

Respectfully Submitted,

Eric J. Robinson

Registration No. 38,285

Nixon Peabody LLP 8180 Greensboro Drive, Suite 800 McLean, Virginia 22102 (703) 790-9110





This will acknowledge receipt of the following:

1. Information Disclosure Statement with Certificate of Mailing

2. Form PTO-1449

In re New **DIVISIONAL** Application of:

Masaaki HIROKI

Based on U.S. Serial No. 08/943,333

Filed on: October 3, 1997

For: ELECTRO-OPTICAL DEVICE

Due date: 12/24/2001

Docket No. 740756-2367

EJR/mlc





apartment of Commerce Serial No. 09/961,055 Form PTO-1449 Atty Docket 0756-23c. Patent and Trademark Office (Rev. 8-83) INFORMATION DISCLOSURE STATEMENT Applicants: Masaaki HIROKI et al. Group Art Unit: N/A MAR 1 1 2005 5 Filing Date: September 24, 2001 **U.S. PATENT DOCUMENTS** Filing Date Class Subclass Name Document Number/BADEMA Date Examiner (if appropriate) Initial 03/26/1974 **Fujimoto** 3,798,752 Tsuchiya et al. 09/24/1974 3,838,209 05/04/1976 **Bigelow** 3,955,187 05/03/1977 Amano 4,021,607 01/10/1978 Reuschel 4,068,020 -McGrievy et al. Mc Greivy et al. 07/25/1978 4,103,297 12/16/1980 Lloyd 4,239,346 12/21/1982 Ishioka 4,365,013 Maruyama et al. 03/29/1983 4,378,417 12/20/1983 Кітига 4,420,870 Williams 01/24/1984 4,427,978 08/21/1984 Batra 4,466,172 09/04/1984 Sasaki 4,468,855 Unagami 07/09/1985 4,528,480 Yamazaki 05/27/1986 4,591,892 lpri 07/01/1986 4,597,160 07/01/1986 Ohta 4,597,637 07/15/1986 Morozumi 4,600,274 Sasaki 03/03/1987 4,646,426 03/10/1987 Watanabe et al. 4,649,432 03/17/1987 Kishita et al. 4,650,543 Morozumi 4,653,862 03/31/1987 04/21/1987 Maezawa 4,660,030 07/14/1987 Kawahara 4,680,580 Morozumi 12/29/1987 4,716,403 02/23/1988 Yamazaki 4,727,044 Nakagiri et al. 04/26/1988 4,740,829 05/03/1988 Gillette et al. 4,742,346 Wakai et al. 05/10/1988 4,743,096 Clerc et al. 06/21/1988 4,752,774 07/05/1988 Wilson et al. 4,755,865 Date Considered Examiner \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

Jepartment of Commerce Form PTO-1449 Atty Docket 0756-250/ Serial No. 09/961,055 Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A **U.S. PATENT DOCUMENTS** Document Number Name Class Subclass Filing Date Date Examiner (if appropriate) Initial 4,770,502 09/13/1988 Kitazima et al. 4,818,077 04/04/1989 Ohwada et al. 4.818,981 04/04/1989 Oki et al. 4,838,654 06/13/1989 Hamaguchi et al. 4,841,294 06/20/1989 Clerc 08/22/1989 4,860,069 Yamazaki 08/29/1989 4,862,237 **Moruzumi** Morozumi 10/10/1989 4,873,516 Castleberry 4,888,305 12/19/1989 Yamazaki et al. 01/02/1990 Guha et al. 4,891,330 01/30/1990 4,897,360 Guckel et al. 01/30/1990 4,897,639 Kanayama 02/27/1990 Dohjo et al. 4,905,066 4,916,090 04/10/1990 Motai et al. 4,938,565 07/03/1990 Ichikawa 4,943,837 07/24/1990 Konishi et al. 4,949,141 08/14/1990 Busta 09/25/1990 Yamazaki 4,959,700 4,960,719 10/02/1990 Tanaka et al. 11/06/1990 Yamamoto et al. 4,969,025 4,969,031 11/06/1990 Kobayashi et al. 4,973,135 11/27/1990 Okada et al. Yamazaki et al. 4,986,213 01/22/1991 4,988,643 01/29/1991 Tsou 5,003,356 03/26/1991 Wakai et al. 04/30/1991 Masuda et al. 5,012,228 5,016,610 05/21/1991 Meguro et al. 5,023,679 06/11/1991 Shibata Tsujikawa et al. 5,051,570 09/24/1991 5,055,899 10/08/1991 Wakai et al. 5,056,895 10/15/1991 Kahn Examiner Date Considered \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant

Form PTO-1449 epartment of Commerce Serial No. 09/961,055 Atty Docket 0756-23c. Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A **U.S. PATENT DOCUMENTS** Class Subclass Filing Date Name **Document Number** Date Examiner (if appropriate) Initial Yamazaki 12/31/1991 5,077,223 01/28/1992 Sasaki et al. 5,084,905 Kitajima et al. 5,091,722 02/25/1992 03/03/1992 Minami et al. 5,093,703 5,102,361 04/07/1992 Katayama et al. 07/21/1992 Serikawa et al. 5,132,754 **Nicholas** 07/21/1992 5,132,821 08/25/1992 Kondo 5,142,272 08/25/1992 Yamazaki 5,142,344 5,182,620 01/26/1993 Shimada et al. 5,194,136 03/16/1993 Jeung et al. 5,196,839 03/23/1993 Johary et al. 04/06/1993 Hiroki et al. 5,200,846 04/27/1993 Inuzuka et al. 5,206,635 08/10/1993 Tran et al. 5,235,195 09/14/1993 Nakamura et al. 5,245,452 10/05/1993 Saraswat et al. 5,250,818 10/05/1993 Misawa et al. 5,250,931 12/28/1993 Tran et al. 5,273,910 5,287,205 02/15/1994 Yamazaki et al. 02/22/1994 Yamazaki et al. 5,289,030 04/12/1994 Kumagai et al. 5,302,845 5,308,998 05/03/1994 Yamazaki et al. 05/17/1994 Yamazaki 5,313,077 Yamazaki et al. 05/24/1994 5,315,132 5,327,001 07/05/1994 Wakai et al. 07/12/1994 5,327,901 Delente 07/12/1994 5,329,390 Fujiwara et al. 08/23/1994 Misawa et al. 5,341,012 5,358,810 10/25/1994 Yoshino 04/18/1995 5,408,246 Inaba et al. Date Considered Examiner \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

epartment of Commerce U. Form PTO-1449 Atty Docket 0756-23c. Serial No. 09/961,055 Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A **U.S. PATENT DOCUMENTS Document Number** Name Class Subclass Filing Date Date Examiner (if appropriate) Initial 5,414,443 05/09/1995 Kanatani et al. 02/27/1996 Yamazaki et al. 5,495,353 Yamazaki et al. 05/28/1996 5,521,107 5,543,636 08/06/1996 Yamazaki Yamazaki et al. 5,568,288 10/22/1996 03/18/1997 Yamazaki et al. 5,612,799 5,744,818 04/28/1998 Yamazaki et al. 5,854,879 12/29/1998 Inuzuka et al. Yamazaki et al. 5,933,205 08/03/1999 09/21/1999 Yamazaki et al. 5,956,105 10/05/1999 Yamazaki et al. 5,963,278 6,013,928 01/11/2000 Yamazaki et al. RE 33,882 04/14/1992 Morozumi FOREIGN PATENT DOCUMENTS **Document Number** Date Country Class Subclass **Translation** Examiner Yes Initial Full Eng 0 161 555 11/21/1985 EP 06/21/1989 EP 0 321 073 01/03/1990 0 349 415 EP Full Eng 0 412 701 02/13/1991 EP Eng Abst 01-068732 03/14/1989 JP Eng Abst 04/25/1989 JΡ 01-107237 05/23/1989 JP 01-130131 Full Eng 06/20/1989 01-156725 JP Eng Abst 07/21/1989 01-183845 JP Full Eng 07/21/1989 JP 01-183853 Eng Abst 08/04/1989 JP 01-194351 Full Eng 09/26/1989 JP 01-241862 Eng Abst 11/01/1989 JP 01-274117 Eng Abst 11/21/1989 01-289917 JP Eng Abst 02-002522 01/08/1990 JP Date Considered Examiner \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

epartment of Commerce Form PTO-1449 Atty Docket 0756-23 Serial No. 09/961,055 Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A FOREIGN PATENT DOCUMENTS **Document Number** Date Class Examiner Country Subclass Translation initial Yes Eng Abst 02-016596 01/19/1990 JP Eng Abst 02-027320 01/30/1990 JP 02/21/1990 02-051129 JP Eng Abst 03/30/1990 02-090683 JP Eng Abst 04/17/1990 02-103925 JP 06/19/1990 Full Eng JP 02-159730 02-188723 07/24/1990 JP Eng Abst Eng Abst 08/07/1990 02-199498 JP Full Eng 02-210330 08/21/1990 JP Eng Abst 08/22/1990 JP 02-211428 Eng Abst 02-228041 09/11/1990 JP Eng Abst 02-228042 09/11/1990 JP Full Eng 02-234134 09/17/1990 JΡ Full Eng 11/15/1990 02-278749 JP Eng Abst 02-281291 11/16/1990 JP Eng Abst 12/20/1990 02-307273 JP Eng Abst 12/25/1990 JP 02-309317 02 340415 03/01/1990 ąР. 01/16/1991 Eng Abst 03-007911 JP Eng Abst 01/25/1991 03-017629 JP Eng Abst 02/01/1991 03-024735 JP 02/14/1991 JP Eng Abst 03-034434 Full Eng 03/14/1991 03-059543 JP Eng Abst 05/09/1991 JP 03-109739 07/17/1991 Eng Abst 03-165575 JP Eng Abst 08/06/1991 JP 03-180058 Eng Abst 08/13/1991 JP 03-185839 09/24/1991 Eng Abst 03-217059 JP 12/03/1991 Eng Abst 03-272183 JP Eng Abst 12/19/1991 03-288824 JP Eng Abst 01/21/1992 04-015956 JP Examiner Date Considered

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epartment of Commerce Form PTO-1449 Atty Docket 0756-25 Serial No. 09/961,055 Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A **FOREIGN PATENT DOCUMENTS Document Number** Class Subclass Examiner Date Country **Translation** Initial Yes Νo Full Eng 04-283729 10/08/1992 JP Full Eng 10/15/1992 04-291240 JP Eng Abst 10/23/1992 JΡ 04-299864 Eng Abst 12/14/1992 04-360580 JP 10/15/1993 Eng Abst JP 05-267667 06/04/1975 UK Full Eng 1 396 486 Full Eng 2 130 781 06/06/1984 UK Full Eng 09/16/1987 UK 2 187 859 Eng Abst 05/22/1974 49-052598 JP 07/26/1974 JΡ 49-077537 Eng Abst 52-076897 06/28/1977 JP Full Eng 53-027483 03/14/1978 JP Full Eng 12/15/1978 53-144297 JP Full Eng 03/06/1980 JP 55-032026 12/02/1980 Eng Abst 55-154750 JP 01/07/1983 Full Eng JP 58-002073 Eng Abst 02/12/1983 JP 58-023478 Eng Abst 58-023479 02/12/1983 JP Full Eng 02/18/1983 JP 58-027365 Eng Abst 58-105574 06/23/1983 JP 06/25/1983 Eng Abst JP 58-106861 58-115864 07/09/1983 JP Eng Abst Full Eng 07/14/1983 JΡ 58-118154 08/24/1983 Eng Abst 58-142566 JP Eng Abst 09/29/1983 58-164268 JP Eng Abst 11/01/1983 JP 58-186967 11/09/1983 JP Full Eng 58-192379 Eng Abst 02/02/1984 JP 59-021067 04/09/1984 Eng Abst 59-061818 JP Eng Abst 03/14/1985 JP 60-047574 Conc Stmt 10/16/1985 JP 60-154996 Date Considered Examiner \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant

epartment of Commerce Form PTO-1449 من د Charles 4 Orthogram Atty Docket 0756-2 Serial No. 09/961,055 Patent and Trademark Office (Rev. 8-83) Applicants: Masaaki HIROKI et al. INFORMATION DISCLOSURE STATEMENT Filing Date: September 24, 2001 Group Art Unit: N/A **FOREIGN PATENT DOCUMENTS** Examiner **Document Number** Date Country Class Subclass **Translation** Initial Full Ena 12/04/1985 60-245173 JP 12/04/1985 Full Eng 60-245174 JP 06/24/1986 Eng Abst 61-136263 JP 06/28/1986 Full Eng 61-141174 JP 62-073658 04/04/1987 JP Eng Abst 04/04/1987 Eng Abst 62-073660 JP 05/15/1987 Eng Abst 62-105474 JP Eng Abst 62-126677 06/08/1987 JP 06/13/1987 Eng Abst JP 62-131575 62-193277 08/25/1987 JP Eng Abst 62-214669 09/21/1987 JP Eng Abst 12/09/1987 JP Eng Abst 62-283664 01/16/1988 JP Eng Abst 63-009978 Eng Abst 03/25/1988 JP 63-066969 03/31/1988 Eng Abst 63-070832 JP Eng Abst 63-082177 12/04/1988 JP 04/27/1988 Eng Abst 63-096636 JP 63-100777 05/02/1988 JP Eng Abst 05/06/1988 Eng Abst 63-101829 JP 05/24/1988 JΡ Eng Abst 63-119578 63-126277 05/30/1988 JP Eng Abst Eng Abst 63-178560 07/22/1988 JP 09/12/1988 Eng Abst 63-219152 JP Full Eng 63-279228 11/16/1988 JP 11/18/1988 Eng Abst 63-283068 JP 01/17/1989 JΡ Eng Abst 64-012576 64-030272 02/01/1989 JP Eng Abst Eng Abst 64-068724 03/14/1989 JP Eng Abst 64-089464 04/03/1989 JP Date Considered Examiner \*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

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Form PTO-1 (Rev. 8-83)	U spartment of Commerce Patent and Trademark Office	Atty Docket 0756-25	Serial No. 09/961,055
IN	NFORMATION DISCLOSURE STATEMENT	Applicants: Masaaki HIROKI et al.	
		Filing Date: September 24, 2001	Group Art Unit: N/A
	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Page	s, Etc.)
Examiner Initial			
	IBM Technical Bulletin, XP000108914, "Driving Met New York, Vol. 33, No. 6B	hod for TFT/LCD Grayscale", pp. 384	l-385, November 1990,
	Wallmark et al., "Field-Effect Transistors Physics, T Field-Effect Transistors Sec. 8-3	echnology and Applications", page 1	99, 1968, MOS
	Montgomery et al., XP000162922, "Improving Multip Frequency Addressing", pp. 67-74, August 1990, M Vol. 185	olexability of Polymer-Dispersed Liquolecular Crystals and Liquid Crystals	id Crystal Films by Dual (Inc. Nonlinear Optics),
	Millman et al., "Microelectronics", page 143, 1988, N	McGraw-Hill Book Company, Second	Edition
	Cobbold, "Theory and Applications of Field-Effect T	ransistors", page 62, 1971, Field-Effe	ect Transistors
	Wilmsen, "Chemical Composition and Formation of Interfaces", pp. 279-287, SeptOct. 1981, J. Vacuu	Thermal and Anodic Oxide/III-V Conm Society Technology, Vol. 19, No. 3	npound Semiconductor
	Inventor: Shunpei Yamazaki et al., "Electro-Optical Specification and Drawings for Application Serial No.	Device and Method of Driving the Sa b. 09/233,145	me", January 19, 1999,
	Inventor: Shunpei Yamazaki et al., "Semiconductor Specification and Drawings for Application Serial No.	Device and Method for Forming the so. 09/344,373	Same", June 25, 1999,
	Inventor: Hideomi Suzawa, "Semiconductor Device and Drawings for Re-examination Application Seria	Including Active Matrix Circuit", April No. 90/005,692	3, 2000, Specification

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant.

orm PTO-1449	U.S.Depa	artment of Commerce	Atty Docket 0756-2367		Serial No. 09/		_
(Rev. 8-83)	_ /^ ` `	·	Applicants: Masaaki HI	ROKI et al.			
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Examiner Initial	5,162,901	11/10/1992	Shimada et al.			<u> </u>	_
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		Date	Country	Class	Subclass	<u>Transkiti</u> Yes	101
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Examiner

Date Considered

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;

not in conformance and not considered. Include copy of this formwith next communication to applicant.

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